

FORM PTO-1390 U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 2036-226
<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. Application No. (if known, see 37 CFR 1.52) <b>10/531728</b> New Application
INTERNATIONAL APPLICATION NO. PCT/NO03/000332	INTERNATIONAL FILING DATE October 6, 2003	PRIORITY DATE CLAIMED November 5, 2002
<b>TITLE OF INVENTION</b> ANTENNA SYSTEM FOR GEORADAR		
<b>APPLICANT(S) FOR DO/EO/US</b> Egil EIDE		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
<b>ITEMS 11. TO 20. below concern other document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 198.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input checked="" type="checkbox"/> A substitute specification within the preliminary amendment (see tab 13).</li> <li>16. <input type="checkbox"/> A power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information:           <div style="margin-left: 20px;">             [X] RO/101 [ ] RO/105 [X] ISA/210(ISR) [ ] Norwegian Search Report ISA [ ] IB/301 [X] IB/304              [X] IB/308 [ ] IB/332 [ ] IB 401 [ ] IB/409(IPER) [ ] IPEA/408 (Written Opinion) [ ] IB/416              [X] Published Application WO 2004/042427           </div> </li> </ol>		

U.S. APPLICATION NO. (If known, see 37 CFR 1.50) New Application <b>10/531728</b>		INTERNATIONAL APPLICATION NO. PCT/NO03/000332		ATTORNEY DOCKET NO. 2036-226	
The following fees are submitted:					
21. <input checked="" type="checkbox"/> Basic National Fee .....				\$300.00	\$ 300.00
22. <input checked="" type="checkbox"/> Examination Fee If International Preliminary Examination Report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1) - (4) .....				\$100.00	\$ 200.00
All other situations.....				\$200.00	
23. <input checked="" type="checkbox"/> Search Fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....				\$100.00	\$ 400.00
International Search Report prepare and provided to the Office.....				\$400.00	
All other situations.....				\$500.00	
<b>TOTAL OF 21,22 and 23=</b>					\$ 900.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or a fraction thereof.					\$
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100=	/ 50		X 250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
Claims	Number Filed	Number Extra	Rate		
Total Claims	10 -20 =	0	X \$50.00	\$	
Independent Claims	1 - 3 =	0	X \$200.00	\$	
Multiple dependent claim(s) (if applicable)			+ \$360.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$900.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	\$
<b>TOTAL NATIONAL FEE =</b>				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$ 40.00
<b>TOTAL FEES ENCLOSED =</b>				\$ 940.00	
				Amount to be refunded	\$
				charged	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>900.00 and 40.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 02-2135 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2135. A duplicate copy of this sheet is enclosed.</p> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> <p>SEND ALL CORRESPONDENCE TO: Customer No. 6449</p> <p>G. Franklin Rothwell Rothwell, Figg, Ernst &amp; Manbeck 1425 K St., N.W. Washington, D.C. 20005 Phone: 202/783-6040</p> <p><u>G. F. Rothwell</u> Signature</p> <p><u>G. Franklin Rothwell</u> Name</p> <p><u>18,125</u> Registration Number</p>					

10/531728

JC13 Rec'd PCT/PTO 18 APR 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : National Phase Entry of PCT/NO03/000332  
Applicant : Egil EIDE  
Filed : Herewith  
TC/A.U. : Not Yet Assigned  
Examiner : Not Yet Assigned

Docket No. : 2036-226  
Customer No. : 06449  
Confirmation No. : Not Yet Assigned

**SUBMISSION OF SUBSTITUTE SPECIFICATION**

Director of the United States Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

A substitute specification is being submitted herewith. A clean copy and marked copy of the specification are attached. No new matter has been added.

Respectfully submitted,

By: G. F. Rothwell  
G. Franklin Rothwell  
Registration No. 18,125  
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